

**Region 9 Enforcement Division
75 Hawthorne Street
San Francisco, CA 94105**

Inspection Date(s):	9/30/2015		
Time:	Entry: 10:45	Exit: 11:30	
Media:	Water		
Regulatory Program(s)	Clean Water Act NPDES /CAFO Dairy		
Company Name:	SD Farms II		
Facility or Site Name:			
Facility/Site Physical Location:	Ex. 6 Personal Privacy (PP)		
Geographic Coordinates:			
Mailing address:	c/o Heritage Farm Office		
	Ex. 6 Personal Privacy (PP)		
Facility/Site Contact:	Amos DeGroot	Title: Operator	
	Phone: Ex. 6 Personal Privacy (PP)	Email:	
Facility/Site Identifier:	NPDES CAG018001 / Order R8-2013-0001, General waste discharge requirements for CAFOs (dairies and related facilities)		
NAICS:	112120 Dairy Cattle and Milk Production		
SIC:	0241 Dairy Farms		
Facility/Site Personnel Participating in Inspection:			
Name	Affiliation	Title	Email
Nancy Goedhard	SD Farms II	Business Manager	
Simone Leal-Iepe	SD Farms II	Facility Manager	
EPA Inspector(s):			
John Tinger	EPA	Engineer	Tinger.John@EPA.gov
Federal/State/Tribal/Local Representatives:			
Edward Kashak	WRCB-R8	Engineering Geologist	ekashak@waterboards.ca.gov
Inspection Report Author:	John Tinger	415 972-3518	
		Date:	
Supervisor Review:			
	Ken Greenberg	415-972-3577	
		Date:	

SECTION I – INTRODUCTION

I.1 Purpose of the Inspection

The purpose of the inspection was to ensure compliance with the NPDES permit and applicable Federal regulations covering the discharge of wastewaters into waters of the United States.

Inspections were conducted jointly with the Regional Water Quality Control Board.

The facility has applied for coverage under NPDES CAG018001 / Order R8-2013-0001, General waste discharge requirements for CAFOs (dairies and related facilities) within the Santa Ana Region.

SECTION II – FACILITY / SITE DESCRIPTION

II.1 Facility Description

According to the EWMP, SD Farms II is a 51 acre facility, with approximately 20 acres of corrals, 4 acres of ponds, and 19 acres of pasture.

Stormwater from the corrals generally drains towards the south (see photo 1), with most stormwater directed to the pond located in the middle of the facility (photo 4), which is the first in a series of ponds. In the event the middle ponds fill up, water will flow over a spillway (photo 5) to the central-southern pond (photo 6). Operators noted that in 2009 there was sufficient rainfall for the middle ponds to overflow into the central-southern pond (photo 7). In the event the central-southern pond fills, operators have the ability to pump water to the southeastern pond. The southeastern pond receives runoff only from the eastern edge of the facility and will generally have capacity in the event pumping is needed. Operators stated they have never needed to pump to the southeastern pond.

Washwater from the milking barn flows through a gate to a pasture field located on the western side of the facility. Excess runoff from the pasture area drains to the pond directly south of the fields.

The facility leases the southwest area of the property to a farmer who grows sorghum. Manure from the facility is applied to the cropland. A NMP was available on-site for review.

SECTION III – OBSERVATIONS

- No deficiencies observed.

SECTION IV – AREAS OF CONCERN

The presentation of areas of concern does not constitute a formal compliance determination or violation.

- No potential violations observed.

SECTION V – DOCUMENTS REQUESTED DURING INSPECTION AND ANALYTICAL RESULTS

- ✓ Engineered Waste Management Plan was available on-site
- ✓ Weekly Storm Water Management Structure Inspections Log Sheets were available on-site
- ✓ Annual Report was available on-site
- ✓ Manure Tracking Manifests were available on-site
- ✓ Manure nutrient analysis was available on-site
- ✓ Nutrient Management Plan was available on site

APPENDICES

Appendix 1 – Inspection checklist

Appendix 2 – Photograph Log

Appendix 1- INSPECTION CHECKLIST

SANTA ANA REGIONAL WATER QUALITY CONTROL BOARD
INSPECTION REPORT

OFFICE NO: _____
INSPECTOR: _____

PCA SYSTEM TASK NO.: _____

WDID No.	OWNER NAME	FACILITY NAME
CAG018001		
NPDES No.	OWNER ADDRESS	FACILITY ADDRESS
Site ID	OWNER CITY, STATE & ZIP	FACILITY CITY, STATE & ZIP
Actual Date Inspected	OWNER CONTACT	FACILITY CONTACT
	OWNER PHONE NO.	FACILITY PHONE NO.

J Inspection Agency (S=STATE, J=JOINT STATE/USEPA)

INSPECTION TYPE (Check One)

- A1___ "A" type compliance--Comprehensive inspection in which samples are taken. (EPA Type S)
B1 X "B" type compliance--A routine nonsampling inspection. (EPA Type C)
02___ Noncompliance follow-up--Inspection made to verify correction of a previously identified violation.
03___ Enforcement follow-up--Inspection made to verify that conditions of an enforcement action are being met.
04___ Complaint--Inspection made in response to a complaint.
05___ Pre-requirement--Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
06___ Miscellaneous--Any inspection type not mentioned above. If this is an EPA inspection not mentioned above please note type. (e.g. biomonitoring, performance audit, diagnostic, etc.)

- N Were violations noted during this inspection? (Yes/No/Pending Sample Results)
N Was this a Quality Assurance-Based inspection?
N Were bioassay samples taken? (N=no) If YES then, S= Static or F= Flow through.
N Were water quality samples collected?

INSPECTION SUMMARY

The overall facility rating, on a 1 (unreliable) to 5 (reliable) scale, was determined to be 5 = Reliable.

HISTORICAL INFORMATION (MOST RECENT):

Order No.	Adopted Date	Permit Type	Inspect Date	Inspection Type	Inspection Violations	Inspection Violation Type	Violation Date
R8-2013-0001	6-7-13	NPDES					

REVIEW OF FACILITY'S MOST RECENT ANNUAL REPORT

MANURE INFORMATION

Amount of manure spread on cropland at the facility: 864 tons

Amount of manure hauled away from the facility: 10,000 tons

Name(s) and address(es) of manure destination: Hauled by Lupe Franco Trucking to Cleveland Farms, Tevelde Farms, David Li Farms, and Barba Farming for croplands in San Bernardino County; and to Viramontes Express for composting. Manure is typically hauled 3xs per year.

ENGINEERED WASTE MANAGEMENT PLAN (EWMP) REVIEW

Did the inspector review the most recent EWMP on file? Yes

Did the facility operator have a copy of the EWMP available onsite? Yes

Date EWMP originally prepared: Dec 2008

EWMP prepared by: Sierra Engineering

Regional Board EWMP Acceptance Date: 1/13/09

EWMP Certification Letter Date and Source:

Was EWMP fully implemented? Yes

If not, list structures missing or deficient: None

Other information related to the EWMP:

**OPERATOR INSPECTION PARTICIPATION AND INPUT,
AND DESCRIPTION OF WATER CONTAINMENT SYSTEM**

EPA Inspector presented credentials and a short introduction meeting was held. Facility operator was called shortly before arrival but was unavailable to meet inspectors on-site. However, the facility manager and business manager were on-site and accompanied inspectors through the facility. A short close-out meeting was held to discuss preliminary findings.

INSPECTION OBSERVATIONS

ANIMALS ONSITE DURING INSPECTION;

Milk Cows: 1400 Dry Cows: 75 Heifers: 235 Calves: Other: #

INSPECTION SPECIFIC MANURE AND WASTEWATER INFORMATION:

DISCUSSION OF FACILITY HOUSEKEEPING:

No issues noted. Stockpiles of manure did not appear to have been present for more than 180 days.

TYPICAL DEPTH OF MANURE IN CORRALS: < 6"

DATE CORRALS WERE LAST SCRAPED:

ESTIMATED FREEBOARD IN FULLEST LAGOON: fullest pond 3' deep.

DATE OF LAST LAGOON SOLIDS REMOVAL, PER FACILITY REPRESENTATIVE: southern ponds (dry) scraped for vegetation once per year. Middle ponds cleaned once every 2 years.

DISPOSAL LOCATION FOR LAGOON SOLIDS: disposed with manure.

CONDITION OF BERMS AND CONTAINMENT STRUCTURES:

The 2 southern ponds were dry. The middle ponds each held several feet of wastewater. During the inspection, wastewater was observed flowing into the middle pond.

No evidence of significant rodent damage, erosion, or excess vegetation along berms was observed. Ponds generally clear of vegetation.

POTENTIAL VIOLATIONS (IF APPLICABLE)

No potential violations observed.

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, FUTURE INSPECTION FOLLOW UP ETC.

None.

Appendix 2 – Photograph Log

The photographs were taken during the inspection by John Tinger. Original copies of the photos are maintained by EPA Region 9.

Photo 1: Overview – (google image)

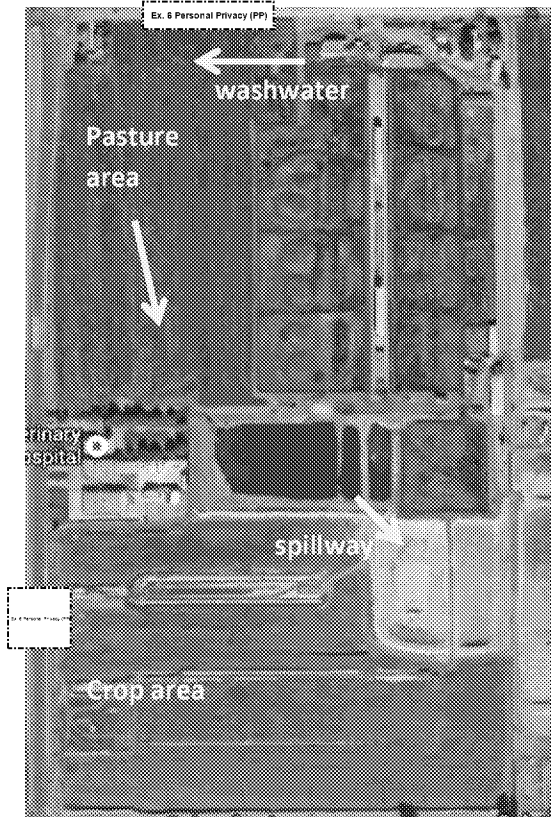


Photo 2: Corrals



Photo 3: eastern boundary looking south. Drainage ditch conveys stormwater from street past property.



Photo 4: middle ponds



Photo 5: Spillway from middle ponds



Photo 6: southern central pond



Photo 7: Southeastern pond



Photo 8: cleaning concrete areas of corral

